

Recombinant Mouse Calbindin 2

Cat. No. Calb2-4911M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Murine Calb2 protein is expressed from E. coli and purified by proprietary chromatographic techniques.
Species	Mouse
Source	E.coli
Description	Calb2 is an intraCellular calcium-binding protein belonging to the troponin C superfamily characterized by a structural motif described as the EF-hand domain. The immunohistochemical detection of Calb2 in developing cerebellum is restricted to the later stages indicated by weak staining from week 21 of gestation, in Purkinje and basket cells and in neurons of the dentate nucleus. The intensity of staining increases as the cerebellum matures. In tumors, Calb2 has been detected in mesotheliomas and some pulmonary adenocarcinomas.
Molecular Weight	57 kDa
Form	50µl(100µg/ml)in 50 mM Tris-Acetate,pH 7.5,1 mM EDTA,20%Glycerol.
Appearance	Liquid
Endotoxin Level	<0.1 ng/µg
Purity	≥90% by SDS-PAGE and HPLC analyses

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Storage Store at -20°C to -20°C. Stable for 6-12 months. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	Calb2 calbindin 2 [Mus musculus]
Official Symbol	Calb2
Synonyms	Calb2; calbindin 2; CR; calretinin; Calretinin
Gene ID	12308
mRNA Refseq	NM_007586
Protein Refseq	NP_031612
UniProt ID	Q08331
Chromosome Location	8 E1
Function	calcium ion binding

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